



Fig. S1 Disruption of mouse *Icap-1* gene
 (A) Partial structure of the mouse *Icap-1* gene and the targeted allele after homologous recombination. Black boxes represent exons (E2 to E7). the initiation codon (ATG) is located in exon 2. The expected fragment size for wild-type and recombinant alleles are 20 and 10 kb, respectively, following digestion with BamHI and hybridization with the indicated external probe (ext pb).
 (B) Southern blot analysis of tail DNA isolated from *Icap-1*^{+/+}, *Icap-1*^{+/-} and *Icap-1*^{-/-} mice.
 (C) Northern blot analysis of total RNA derived from adult kidney of *Icap-1*^{+/+}, *Icap-1*^{+/-} and *Icap-1*^{-/-} mice. The filter was hybridized with probes specific for *Icap-1* and *Gapdh*, respectively.
 (D) Western blot analysis of *Icap-1*^{+/+}, *Icap-1*^{+/-} and *Icap-1*^{-/-} brain extracts.
 (E-F) Whole mount lac Z staining of *Icap-1*^{+/+} embryos at E8.5 (E) and E14.5 (F).

Fig. S1 Bouvard et al.